

SOIL CLASS: 140B CHATFIELD-HOLLIS-CANTON
(SOURCE: USDA-SCS SOIL SURVEY)

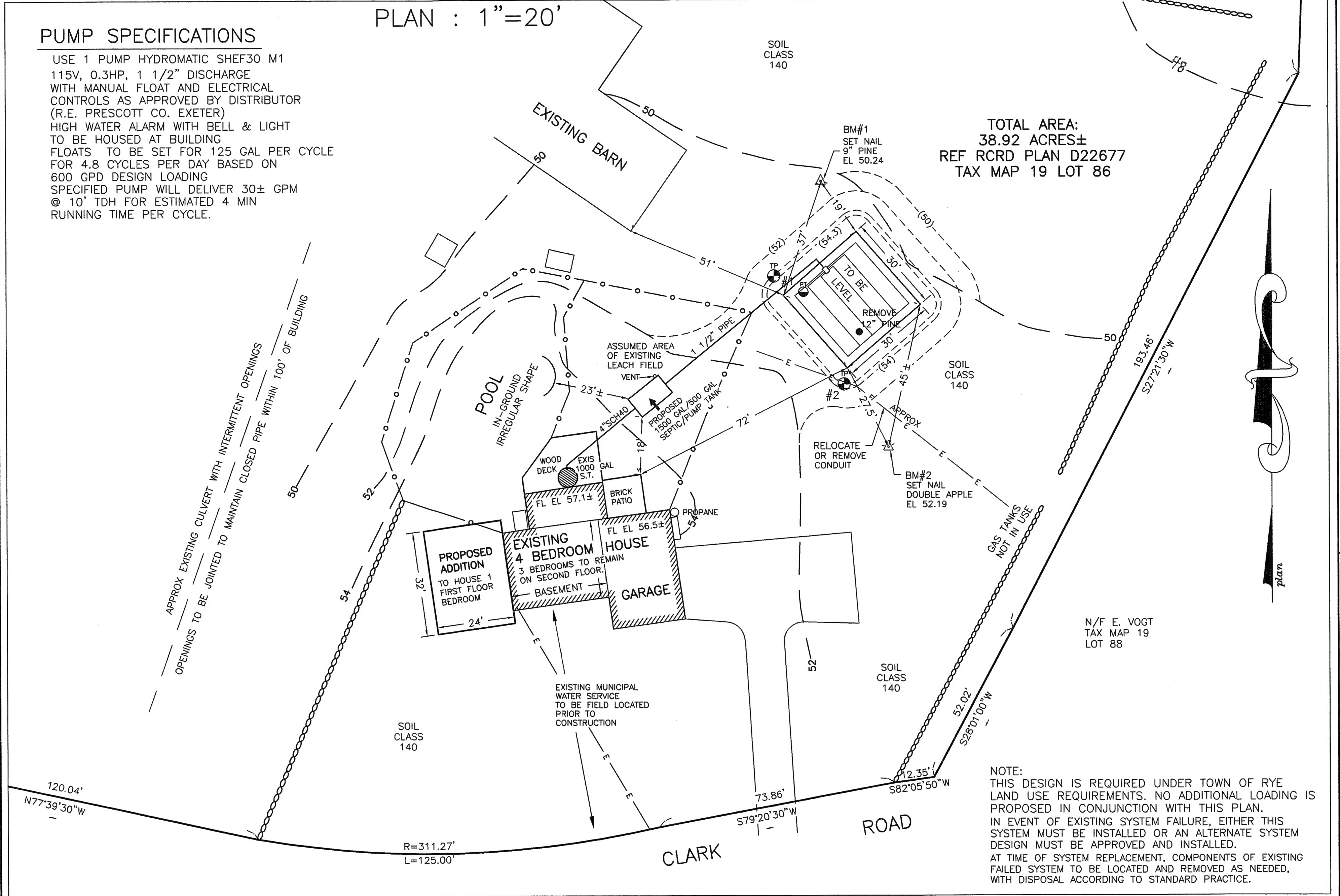
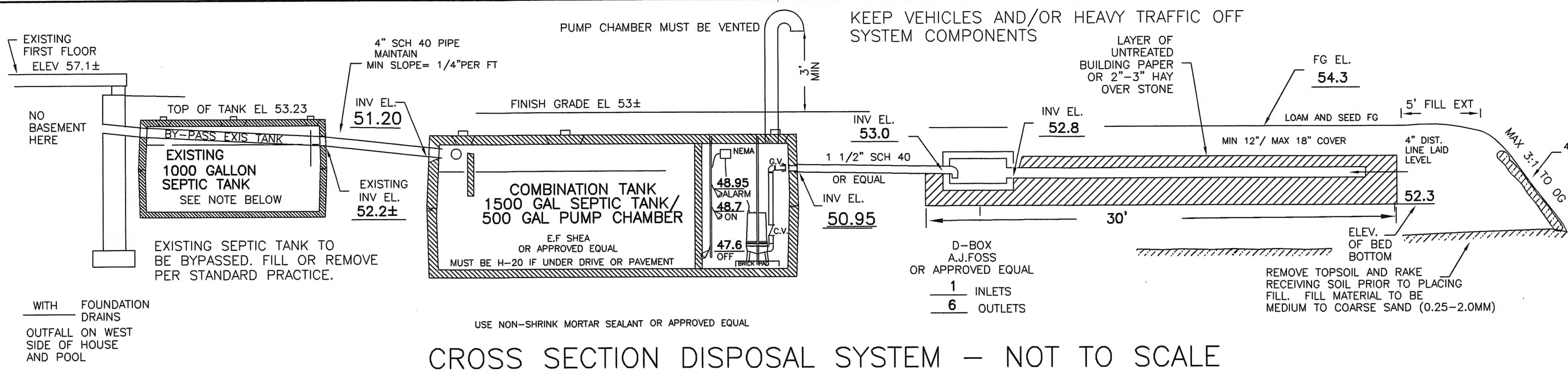
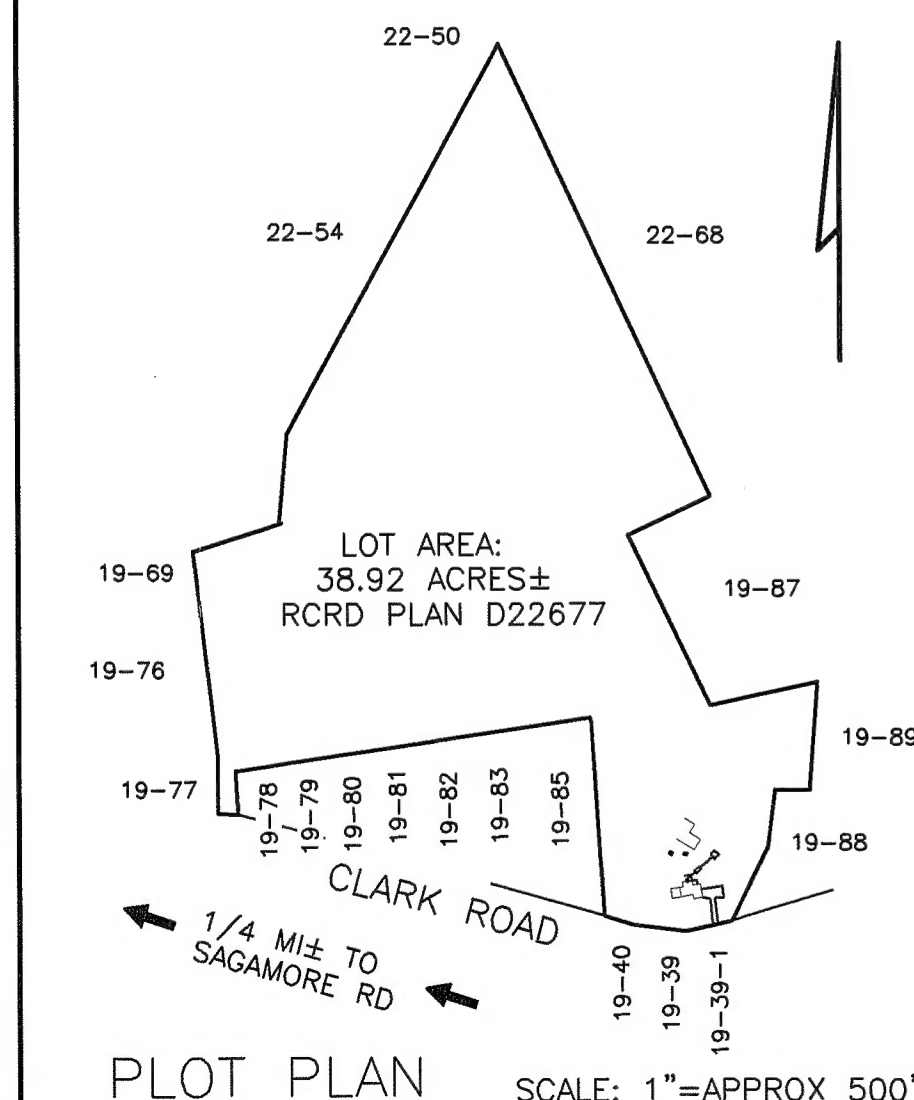
BENCH MARKS: DATUM = ASSUMED
#1 SET NAIL 9" PINE EL 50.24
#2 SET NAIL DOUBLE APPLE EL 52.19
#3

DESIGN INTENT:
1. THE BOTTOM OF THE EFFLUENT DISPOSAL SYSTEM SHALL BE CONSTRUCTED AT ELEVATION 52.3
2. THERE IS/ARE APPROX 14" FT ABOVE ORIGINAL (EL GROUND ON THE HIGH CONTOUR THE DESIGNED EDS. 51.1)

SUITABLE REPLACEMENT AREA:
SYSTEM MUST BE REBUILT IN PLACE OR REDESIGNED.

LEGEND:
50.0 EXISTING CONTOUR
(50.0) PROPOSED CONTOUR
50.0 EXISTING SPOT ELEVATION
(50.0) PROPOSED SPOT ELEVATION

NOTES:
1. THIS PLAN IS NOT TO BE CONSTRUED AS A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE APPROXIMATED BASED ON INFORMATION FROM THE FOLLOWING SOURCE:
RCRD PLAN D22677
2. NHDES-WS&PCD SUBDIVISION APPROVAL NUMBER:
N/A OVER 5 ACRES
3. THIS SYSTEM IS NOT DESIGNED TO HANDLE GARBAGE DISPOSAL, JACUZZI BATH, OR SEWAGE EJECTOR PUMP WASTE. BACKWASH FROM WATER SOFTENER SYSTEMS SHOULD BE DISCHARGED TO A SEPARATE DRYWELL.
4. NO SURFACE WATER, WELL, OR HYDRIC SOILS WITHIN 100' OF PROPOSED SYSTEM.



SYSTEM OWNER IS RESPONSIBLE FOR THE FOLLOWING OPERATING REQUIREMENTS MAINTENANCE CONTRACT SUBMITTED WITH APPLICATION FOR SYSTEM APPROVAL.
ENV-WS 1023.01 (a) SEPTIC TANKS SHALL BE INSPECTED FOR ACCUMULATION OF SLUDGE AND SURFACE SCUM AT LEAST ONCE EVERY YEAR.
(b) WHEN THE COMBINED THICKNESS OF SLUDGE AND SURFACE SCUM EQUAL 1/3 OR MORE OF THE TANK DEPTH, THE TANK SHALL BE PUMPED BY A LICENSED SEPTIC TANK PUMPER.
ENV-WS 1023.02 TO PREVENT OBSTRUCTION OF THE DISTRIBUTION LINES AND LEACH FIELD, GREASE AND BULKY WASTE SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV-WS 1023.03 TOXIC AND HAZARDOUS MATERIALS SHALL NOT BE FLUSHED OR OTHERWISE INTRODUCED INTO THE SEPTIC SYSTEM.
ENV-WS 1023.04 TO PREVENT DAMAGE TO THE DISTRIBUTION LINES AND LEACH FIELD, VEHICLES, LIVESTOCK, AND OTHER HEAVY OBJECTS SHALL NOT BE ALLOWED ON THE LEACH FIELD.
ENV-WS 1023.05 IF WET AREAS APPEAR ON THE GROUND SURFACE ABOVE THE DISTRIBUTION LINES OR LEACH FIELD OR IF DISAGREEABLE ODORS OCCUR, THE SYSTEM SHALL BE INSPECTED FOR THE SOURCE OF THESE PROBLEMS, AND CORRECTIVE ACTION SHALL BE TAKEN.

TEST PIT DATA
DATE: APRIL 30, 2007
TOWN INSPECTOR: DENNIS PLANTE

TEST PIT #1 ELEVATION 50.2
0 -6" 10YR4/4 GRAVELLY FINE SANDY LOAM, GRAN FRI
6 -24" 10YR4/6 LOAMY FINE SAND, GRANULAR FRIABLE
24-48" 2.5Y5/4 SILTY FINE SANDY LOAM, BLOCKY FIRM
48-72" 2.5Y5/4 LOAMY FINE SAND, GRANULAR FRIABLE
ESHW @ 24", MOTTLED, OBSERVED WATER @ 24"
(HEAVY ANTECEDENT RAINFALL), NO REFUSAL TO 72"

TEST PIT #2 ELEVATION 51.1
0 -6" 10YR4/4 GRAVELLY FINE SANDY LOAM, GRAN FRI
6 -20" 10YR5/6 FINE SANDY LOAM, GRANULAR FRIABLE
20-34" 10YR4/4 LOAMY MED TO COARSE SAND, GRAN FRI
34-48" 2.5Y5/4 SILTY FINE SANDY LOAM, BLOCKY FIRM
48-72" 7.5YR4/6 FINE SAND, GRANULAR FRIABLE
ESHW @ 34", OBSERVED WATER @ 36",
NO REFUSAL TO 72"

PERC TEST DATA
DATE: APRIL 30, 2007
PERC RATE: ESTIMATE 6 MIN/IN @ 24"
EXISTING 4 BEDROOM HOUSE PER TAX RECORDS
NO ADDITIONAL LOADING IS PROPOSED
DESIGN LOADING: 4 BEDROOMS
AREA REQUIRED: 900 SQ FT
AREA PROPOSED: 30' X 30' = 900 SQ FT

PROPOSED REPLACEMENT
SEPTIC SYSTEM PLAN
FOR INSTALLATION IN EVENT OF EXIS SYSTEM FAILURE
LOCUS: 75 CLARK ROAD
RYE, NEW HAMPSHIRE
OWNER: CLIFFORD & ELEANOR VOGT
75 CLARK ROAD
RYE, NH 03870

APPLICANT:
STOCKTON SERVICES
PO BOX 1306
HAMPTON, NH 03843-1306
DATE: JUNE 7, 2007
APPROVAL: CA2007088286